

AMENDMENTS TO CLAIMS

1. (Currently Amended) An easy-to-start structure for a D.C. brushless motor, comprising:

a base comprising a through-hole having an end, a support section being provided in the end of the through-hole, plural windings and an IC control means being mounted to the base, at least one positioning member being mounted to the base and located within a space defined between said plural windings; and

a rotor comprising a shaft and a permanent ring magnet having a north pole and a south pole, each of the south pole and the north pole having a strong magnetic area, said positioning member being arranged to be directly aligned with whichever of the strong magnetic areas is closest to the positioning member when the rotor stops, and the shaft being rotatably held by the support section;

said at least one positioning member being made of a material capable of attracting said whichever of the strong magnetic areas is closest and thus retaining one of the strong magnetic areas of the permanent ring magnet in a predetermined angular position proximal to said at least one positioning member when the rotor stops.

2. (Currently Amended) The easy-to-start structure for a D.C. ~~brush-less~~ brushless motor as claimed in claim 1, further comprising a support element mounted to another end of the through-hole, the support element comprising a second support section for rotatably holding an end of the shaft of the rotor.

3. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 1, wherein the base has at least one positioning groove for receiving said at least one positioning member.

4. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 1, wherein the IC control means is located between two of said plural windings that are adjacent to each other.

5. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 1, wherein the rotor has blades mounted thereon.

6. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 2, wherein the base comprises at least one engaging hole, and wherein the support element comprises at least one engaging piece for engaging with said at least one engaging hole.

7. (Currently Amended) An easy-to-start structure for a D.C. brushless motor, comprising:

a base comprising a through-hole having an end, a support section being provided in the end of the through-hole, plural windings and an IC control means being mounted to the base;

a rotor comprising a shaft and a permanent ring magnet having a north pole and a south pole, each of the south pole and the north pole having a strong magnetic area, the shaft being rotatably held by the support section; and

a casing mounted around the base, the casing comprising at least one positioning member provided thereon, said at least one positioning member being located within a space defined between said plural windings, said positioning member being arranged to be directly aligned with whichever of the strong magnetic areas is closest to the positioning member when the rotor stops;

said at least one positioning member being made of a material capable of attracting and thus retaining said whichever of the strong magnetic areas is closest and thus retaining one of the strong magnetic areas of the permanent ring magnet in a predetermined angular position proximal to said at least one positioning member when the rotor stops.

8. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 7, wherein the base further comprises at least one rib on an outer wall thereof, and wherein the casing is tightly fitted to said at least one rib.

9. (Currently Amended) The easy-to-start structure for a D.C. brushless motor as claimed in claim 7, wherein said at least one positioning member ~~being~~is directly formed on the casing by means of pressing.

10. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 7, further comprising a support element mounted to another end of the through-hole, the support element comprising a second support section for rotatably holding an end of the shaft of the rotor.

11. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 7, wherein the IC control means is located between two of said plural windings that are adjacent to each other.

12. (Original) The easy-to-start structure for a D.C. brushless motor as claimed in claim 10, wherein the base comprises at least one engaging hole, and wherein the support element comprises at least one engaging piece for engaging with said at least one engaging hole.

13. (Currently Amended) An easy-to-start structure for a D.C. brushless motor, comprising:

a base including plural windings, an IC control means being mounted to the base, and at least one thin positioning member located within a space defined between any two of said plural windings;

a rotor including a shaft and a permanent ring magnet having a north pole and a south pole, each of the south pole and the north pole having a relatively strong magnetic area aligned with said positioning member, said positioning member being arranged to be directly aligned with whichever of the strong magnetic areas is closest to the positioning member when the rotor stops;

said at least one positioning member being made of a material capable of attracting and thus retaining one of the relatively strong magnetic areas of the permanent ring magnet at a precise angular position proximal to said at least one positioning member when the rotor stops.

14. (Previously Presented) The easy-to-start structure for a DC brushless motor as claimed in claim 13, wherein the relatively strong magnetic area is radially aligned with said positioning member.